

**UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF PENNSYLVANIA**

IN RE: NATIONAL FOOTBALL LEAGUE
PLAYERS' CONCUSSION INJURY
LITIGATION

No. 2:12-md-02323-AB
MDL No. 2323

Kevin Turner and Shawn Wooden,
*on behalf of themselves and
others similarly situated,*

Civil Action No. 2:14-cv-00029-AB

Plaintiffs,

v.

National Football League and
NFL Properties, LLC,
successor-in-interest to
NFL Properties, Inc.,

Defendants.

THIS DOCUMENT RELATES TO:
ALL ACTIONS

DECLARATION OF Steven T. DeKosky, MD, FACP, FAAN, FANA

Steven T. DeKosky affirms under penalty of perjury the truth of the following facts:

1. I am Visiting Professor of Radiology and Neurology at the University of Pittsburgh School of Medicine, and Immediate Past Dean and Emeritus Professor of Neurology at the University of Virginia School of Medicine. My *curriculum vitae* is attached as Exhibit A.

2. I have been asked to submit this declaration in support of the objection to the proposed class action settlement in the above captioned case filed by the MoloLamken LLP law firm. I am not being compensated for my work in doing so.

3. Chronic traumatic encephalopathy (or CTE) is a unique neurodegenerative disease that is known to exist outside of ALS, Alzheimer's disease, or Parkinson's disease.

4. Repetitive brain trauma is a necessary condition for developing CTE.

5. ALS, Alzheimer's disease, and Parkinson's disease are found in the general population of individuals who have not suffered repetitive brain trauma. Suicidality does not present as a symptom of these diseases.

6. Mood and behavioral impairments such as depression, suicidality, hopelessness, impulsivity, explosiveness, rage, and aggression, although present in the general population, appear more frequently in individuals suffering from CTE than in the general population.

7. The mood and behavioral impairments associated with CTE can present prior to the onset of CTE-related dementia and can be the cause of significant disability and distress for the patient.

8. Based on my experience and knowledge of the clinical and scientific literature, I believe that a reliable, valid, and clinically accepted diagnosis of CTE, based, in part, on objective biomarkers, will likely be possible in the next decade, if not sooner, and long before the 65-year term of the proposed NFL Concussion Litigation Settlement expires.

9. I am not aware of the use of the diagnostic or classification categories of "Neurocognitive Impairment Level 1.0," "Neurocognitive Impairment Level 1.5," or "Neurocognitive Impairment Level 2.0" anywhere in the medical or scientific community.

Pursuant to 28 U.S.C. § 1746, I state under penalty of perjury that the foregoing is true and correct.

Dated: November 26, 2014

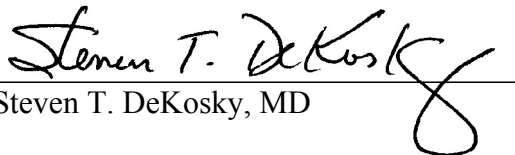

Steven T. DeKosky, MD

Exhibit A

11/29/2014

CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

CURRICULUM VITAE

STEVEN TRENT DeKOSKY, M.D.

CURRENT POSITION: Visiting Professor
Department of Radiology (UPMC PET Center)
University of Pittsburgh School of Medicine

Immediate Past Vice President/Dean and Emeritus Professor of Neurology
University of Virginia School of Medicine

PERSONAL INFORMATION

Place of Birth: Camden, New Jersey, USA

Residence: 3600 Raleigh Mountain Trail Current: 900 Miami Avenue
Charlottesville, VA 22903 Pittsburgh, PA 15228

Office: E-mail: DeKosky@Virginia.edu; DeKosky@mac.com

EDUCATION

1968	A.B. (Psychology)	Bucknell University Lewisburg, Pennsylvania
1968 -1970	Graduate Student	Depts. of Psychology and Neuroscience University of Florida Gainesville, Florida
1974	M.D.	University of Florida College of Medicine Gainesville, Florida

POSTGRADUATE TRAINING

1974-1975	Intern in Internal Medicine	The Johns Hopkins Hospital Baltimore, Maryland
1975-1978	Resident in Neurology	University of Florida College of Medicine Gainesville, Florida
1978-1979	Postdoctoral Fellow, Neurochemistry	Clinical Neuroscience Research Center/ department of Neurology University of Virginia School of Medicine Charlottesville, Virginia
1/14-1/26/01	Program for Chiefs of Clinical Services	Harvard School of Public Health Department of Health Policy and Management and the Center for Continuing Professional Education Boston, Massachusetts
10/01	Good Clinical Practices for Clinical Investigators	Association of Clinical Research Professionals Chicago, IL

11/29/2014

CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Nov. 2008	AAMC Executive Development Seminar for Deans Phase I	American Association of Medical Colleges Washington, DC
June 2009	AAMC Executive Development Seminar for Deans Phase II	American Association of Medical Colleges Washington, DC
September 2013- March 2014	Visiting Scholar	Department of Medical Ethics and Health Policy University of Pennsylvania Perelman School of Medicine Philadelphia, PA
April 2014 - present	Visiting Scholar	Department of Radiology (UPMC PET Center) University of Pittsburgh School of Medicine Pittsburgh, PA

ACADEMIC POSITIONS

1978-1979	Instructor, Department of Neurology University of Virginia School of Medicine Charlottesville, Virginia
1979-1985	Assistant Professor of Neurology University of Kentucky College of Medicine
1980-1985	Assistant Professor of Anatomy University of Kentucky College of Medicine
1981-1990	Graduate Faculty University of Kentucky Graduate School
1983	Visiting Professor, Department of Psychobiology University of California - Irvine Laboratory of Dr. Carl W. Cotman
1985-1990	Associate Professor of Neurology (with tenure) University of Kentucky College of Medicine
1985-1990	Associate Professor of Anatomy and Neurobiology University of Kentucky College of Medicine Lexington, Kentucky
1985-1987	Interim Chairman, Department of Neurology University of Kentucky College of Medicine
1990-2008	Professor of Psychiatry (with tenure) Western Psychiatric Institute and Clinic (WPIC) & University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania
1990-2008	Professor of Neurology and Neurobiology University of Pittsburgh School of Medicine
1991-2008	Graduate Faculty University of Pittsburgh School of Medicine

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

1993-2000	Chief, Division of Geriatrics and Neuropsychiatry, WPIC University of Pittsburgh School of Medicine
1997-2008	Professor of Human Genetics Graduate School of Public Health University of Pittsburgh
2000-2002	Interim Chair, Department of Neurology University of Pittsburgh School of Medicine
2001-2004	Director, Pittsburgh Institute for Neurodegenerative Diseases University of Pittsburgh and University of Pittsburgh Medical Center
2002-2008	Chair, Department of Neurology University of Pittsburgh School of Medicine
2008-2013	Dean, University of Virginia School of Medicine Vice President, University of Virginia James Carroll Flippin Professor of Medical Science
2008-2014	Professor of Neurology and Professor of Psychiatry and Behavioral Neurosciences University of Virginia School of Medicine
2008-present	Adjunct Professor of Neurology University of Pittsburgh School of Medicine
2013-2014	Visiting Professor Department of Medical Ethics and Health Policy University of Pennsylvania Perelman School of Medicine
2014-present	Visiting Professor Department of Radiology University of Pittsburgh School of Medicine
2014-present	Professor of Neurology Emeritus University of Virginia School of Medicine

HOSPITAL AFFILIATIONS

1979-1985	Attending Neurologist, University Hospital University of Kentucky, Lexington, Kentucky
1979-1990	Staff Neurologist VA Medical Center, Lexington, Kentucky
1982-1990	Associate Medical Staff (Neurology) Commission for Handicapped Children Commonwealth of Kentucky
1985-1987	Interim Neurologist-in-Chief, University Hospital Lexington, Kentucky
1985 -1990	Medical Staff, Cardinal Hill Rehabilitation Hospital Lexington, Kentucky

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

1990-2008	Medical Staff, University of Pittsburgh Medical Center Presbyterian-University Hospital, Western Psychiatric Institute and Clinic, Montefiore University Hospital Pittsburgh, Pennsylvania
2003-2008	Medical Staff, UPMC Health System, UPMC Shadyside Pittsburgh, Pennsylvania
2008-2013	Physician-in-Chief University of Virginia Health System Charlottesville, Virginia
2008-present	Medical Staff University of Virginia Health System Charlottesville, Virginia
2011-present	UVA Transitional Care Hospital and UVA Health South Rehabilitation Hospital Charlottesville, Virginia

PROFESSIONAL SOCIETIES AND ORGANIZATIONSAlzheimer's Association/Administration:

National Board of Directors (1994-2002; 2004-2011) (reelected 2004 after required 1 year hiatus)
 Vice Chairman, 1998-2000
 Co-Chairman, Strategic Planning Committee, 1996-1997
 Member, Ethics Advisory Panel, 1997-present
 Development Committee, 2000- 2011
 Public Policy Committee, 2000-2011
 Finance Committee, 2006-2011

Alzheimer's Association/Research:

National Medical and Scientific Advisory Board (MSAB)
 Member, 1994
 Vice-Chairman, 1995-1997
 Chairman, 1997-2000
 National Medical and Scientific Advisory Council (successor to MSAB)
 Chairman, 1997-2002
 Member, ad hoc, 2008-2014
 Member, Board of Directors, World Alzheimer Congress, 1998-2000
 Chair, Research Round Table – 2009
 Chair, Annual Public Policy Forum, Washington, DC, 2008
 Founding Chair, ISTAART (International Society to Advance Alzheimer Research and Treatment), 2008-2011;
 elected to second term 2012-2014

American Board of Psychiatry and Neurology

Member, Neurology Council (2003-2010) (President, 2010)
 Member, Committee on Credentials –Neurology (2002-2005; Chair 2006-2010)
 Member, Committee on Finance (2002-2007)
 Member, Committee to Review Appeals – Neurology (2002-2007)
 Member, Committee on Research and Development – Neurology (2002-2010)
 Chair, Examination Committee – Neurology, Part B [behavioral neurology, neuropsychiatry, neuropsychology] (2008-present)
 Vice-Chair, Part I (Written Exam) Committee (2003-2004; Chair 2005-2007)

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Member, Informatics Committee (2002-2005)
Member, Committee on Recertification (2002-2007)
Member, Committee on Core Competencies (2002-2010)
Member, Committee on Maintenance of Certification (2002-2010)
Member, Task Force on Conflict of Interest (2002-2007)
Chair, Strategic Planning Committee (2005-2010)
Member, Nominating Committee for Year 2007 Officers (2005-2006)
Liaison to Committee of Neurological Sciences (2005-2010)
Chair, Combined Part I Committee (2008-2010)
Chair, Vascular Neurology Steering Committee (2008-2010)
Member, Committee on Research and Development – Neurology (2005-2010)
ABPN Executive Committee 2008-2010
Member at Large, 2008; Secretary, 2009; Vice President, 2010
Member, Building Committee, 2013-present

Alzheimer's Disease International (ADI)

Executive Committee, 2002-2005
Chair, Medical and Scientific Advisory Panel, 2002-2005
Member, MSAP, 2006-present
Member, International Advisory Board for 29th ADI Conference Dec 2013 (San Juan, Puerto Rico)

American Neurological Association (elected 1988)

Member, Long Range Planning Committee (1995-1997)
Chair, Membership Committee (2006-2008)
Member, Executive Council (elected) (2008-2011)
Elected Fellow, 2013

American Academy of Neurology (Member since 1976; Fellow, 1983-present)

Section on Geriatrics (Founding Member)
Chair (1996-1998); Vice Chair (1994-1996)
Chairman, Liaison Committee (1991-1993)
Chairman, Public Policy Committee (1993-1994)
Section on Behavioral Neurology (Founding Member)
Director, Annual Course in Geriatric Neurology (1992-1995)
Chair, Aging and Dementia Program (1995-1996)
Member, Scientific Issues Subcommittee (1995-1996)
Member, Scientific Program Subcommittee (1995-1996)
Member, Legislative Affairs Committee (1998-2008)
Director, Dementia Update Course (1999-2002)
Chair, Dementia Practice Parameters Committee of Quality Standards Subcommittee (1999-2001)
Responsible for developing practice guidelines for early detection, diagnosis, and treatment of dementia

American College of Neuropsychopharmacology (ACNP; elected 2003)

Program Committee (2005-2007)
Public Policy Committee (2005-2008)
Human Research Committee (2006-2009)

American Society for Neurological Investigation (ASNI)

Councilor for the Southern United States, 1986-1988)

American Society for Experimental NeuroTherapeutics

Board of Directors, 2005-2008, 2012-2015

Society for Experimental Neuropathology

Councilor (elected) 1990-1992; Assistant Secretary Treasurer 1993-1995

Society for Neuroscience

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

International Society for Neurochemistry
 American Society for Neurochemistry
 Behavioral Neurology Society
 International Society of Neuropathology
 Fellow, Stroke Council, American Heart Association
 New York Academy of Sciences
 National Neurotrauma Society

HONORS AND AWARDS

1967	Psi Chi, Bucknell University (National Psychology honorary)
1968-1969	Predoctoral Fellowship, Center for Neurobiological Sciences University of Florida College of Medicine
1969	Phi Sigma, University of Florida
1972	Alpha Omega Alpha Research Award University of Florida College of Medicine
1974	Roger Schnell Award for Excellence in Clinical Neurology (Graduation Award, University of Florida College of Medicine)
1978-1979	National Research Service Award in Developmental Neurology (Neurochemistry) NINCDS
1980-1985	Teacher-Investigator Development Award, NINCDS
1983	Sigma Xi, University of Kentucky
1987	Research Associate, Sanders-Brown Research Center on Aging
1988	William Osler Fellow, University of Kentucky College of Medicine
1988	Presidential Award, American Neurological Association
1992	<i>Who's Who in the East</i>
1994-present	<i>The Best Doctors in America</i>
1994-1995	<i>Who's Who Worldwide</i>
1996-1997	<i>Best Doctors in America: Northeast Region</i>
1996	Univ. of Pittsburgh Nominee: 1997 King Faisal International Prize for Medicine
1996	<i>Who's Who in Medicine and Healthcare</i>
1997	<i>Who's Who in Science and Engineering</i>
1997	11 th Annual Joseph M. Foley, M.D. Lecturer, Cleveland Clinic Foundation
1998	<i>Who's Who in America</i>
1998	David B. Tyler Memorial Lecturer, University of South Florida College of Medicine
1999	Distinguished Alumnus of the University of Florida College of Medicine
2000	Ralph W. Richter Award for Excellence in the Field of Alzheimer's Research
2001	George Randolph and Patricia Scott Lectureship on the Physiology of Aging, Mayo Foundation, Rochester, MN
2003-present	Member (Neurology) American Board of Psychiatry and Neurology
2002	<i>Who's Who in Health Sciences Education</i>
2003	Rita Hayworth Award for Alzheimer's Disease Research, national Alzheimer's Association
2003-present	<i>Best Doctors in America</i> (continuously elected to present)
2003-present	<i>Who's Who in America</i> (continuously elected to present)
2004-present	<i>America's Top Doctors</i> (continuously elected to present)
2005	Ronald and Nancy Reagan Research Institute Award for outstanding contributions to research, care, and advocacy on behalf of Alzheimer's patients and their caregivers.
2006	NIH Great Teachers Lecturer "Alzheimer's Disease"
2008	Alzheimer's Association Zaven Khachaturian Award
2008-2013	James Carroll Flippin Chair in Medical Sciences, University of Virginia
2009-present	<i>Who's Who in Medicine and Healthcare</i> (continuously elected)
2013	Fellow, American Neurological Association
2013	Invited Commencement Speaker, University of Florida College of Medicine
2014	Luttge Invited Neuroscience Lecturer, University of Florida

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.BOARD CERTIFICATION AND LICENSURE

1975 Diplomate of the National Board of Medical Examiners
 1978 Certificate of Registration in Medicine and Surgery of the State of Virginia [active]
 1979 Medical Licensure, State of Kentucky
 1979 Diplomate of the American Board of Psychiatry and Neurology (Neurology)
 1990 Certificate of Registration in Medicine and Surgery of the State of Pennsylvania [active]
 2004-2014 Recertification in Neurology, American Board of Psychiatry and Neurology
 (still hold lifetime certification)

RESEARCH INTERESTS

Dementia, especially Alzheimer's disease: diagnosis, treatment, prevention; neurochemistry, genetics, neuroimaging, epidemiology, neuropsychiatry
 Central Nervous System regeneration and response to injury
 Traumatic Brain Injury and relationship to long-term neurological outcomes
 Ethics, health policy, and clinical/biomarker aspects of preclinical assessment for dementia

PATENTS

1997: "Use of the genetics of alpha-1-antichymotrypsin (ACT) and levels of ACT in blood and CSF for diagnosis of Alzheimer's disease" (With M. Ilyas Kamboh, Ph.D.)

JOURNAL AND GRANT REVIEWEditorial Boards

Archives of Neurology (1997-present)
 Associate Editor, 2002-2005
Alzheimer Disease and Associated Disorders: An International Journal (1993-present)
Brain Aging International Journal (2002-present)
Neurotherapeutics (2010-present)
 Alzheimer's and Dementia: *Translational Research and Clinical Interventions* (2014-present)
 Senior Associate Editor
Annals of Neurology (2001-2014)
Journal of Alzheimer's Disease (2002-2010)
Neurodegenerative Diseases (2002-2009)
Current Alzheimer Research (2003-2010)
Neurosurgery (2005-2014)

Journal Reviewer:

American Journal of Psychiatry
Annals of Neurology
Archives of General Psychiatry
Archives of Neurology
Experimental Neurology
Journal of the American Medical Association (JAMA)

Journal Reviewer (cont.):

Journal of Cerebral Blood Flow and Metabolism
Journal of Comparative Neurology
Journal of Neural Transmission
Journal of Neuroscience
Lancet
Lancet Neurology
Nature
Nature Neuroscience
Neurobiology of Aging
Neurology
Neurology Network Commentary (1996-2000)
Neuropsychopharmacology
Neurosurgery
New England Journal of Medicine
Physiology and Behavior
Proceedings of the National Academy of Sciences (USA)
Science
Science Translational Medicine
Stroke

NIH Consulting, Study Sections, and Council:

National Institute of Health Common Fund
 Scientific Advisory "Council of Councils" 2013-2016

11/29/2014

CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Member, Working Group on evaluating and making recommendations for changes to Common Fund Operations, Programs, Management and Oversight (2013-14)

National Center for Complementary and Alternative Medicine (NCCAM)

Scientific Advisory Council, 2009-2013

Chair, Drug Safety Monitoring Board, Creatine Safety, Tolerability, & Efficacy in Huntington's Disease (CREST-E) Study, NCCAM (active)

Chair, NCCAM Botanical Research Expert Panel, 2013

Study Sections Member:

NIA-Neuroscience Review Committee (1997-2001); Chairperson (2000-2001)

National Institute on Aging: Ad Hoc Study Sections on Alzheimer's Disease Research Centers:

Member and Chair multiple times between 1995 and 2012; ADRC Study Section Chair, October 2013.

Alzheimer's Disease Research Centers (NIA funded) elected positions:

Chair, ADRC Center Directors Executive Committee

Chair, National Alzheimer Coordinating Center Steering Committee

National Institute on Aging Study Section: Geriatric Research and Training Centers (GRTCs)

Research Career Development Award Study Section, Medical Research Service, VA Central Office

Small Grants Review Committee, National Institute of Aging (multiple)

Small Business Innovation Research (SBIR), NIAA

National Institute on Aging Search Committee for Director of Neuroscience, NIA 2010-2011

Ad Hoc Grant Reviewer:

Chair, Brain Canada.Chagnon Family Foundation, ADRC Prevention Initiative Review Group, 2013

Peer Review Committee, Canadian Consortium on Neurodegeneration in Aging (CCNA); 2013-14

Alzheimer Association

National Science Foundation

Veterans Administration Merit Review Board in Neurobiology

Veterans Administration Research Advisory Group (RAG) Committee

Recombinant DNA Advisory Committee (RAC), NIH

Commonwealth of Virginia: Alzheimer's Disease and Related Disorders Research Fund

Ohio State Board of Regents: Ohio Eminent Scholars Program

Human Frontier Science Program (Strasbourg, France)

Alzheimer Disease International, multiple ad hoc; most recently 2013

COMMITTEES AND ADMINISTRATIVE DUTIES

University of Kentucky (1979-1990)

Utilization Review Committee, University of Kentucky Medical Center; 1979-83

Pharmacy and Therapeutics Committee, VA Medical Center, Lexington, KY; 1979-82

Committee on Aging, University of Kentucky Medical Center; 1980-82

Animal Care Subcommittee, University of Kentucky Medical Center; 1980-83

Research Budget Committee, Lexington VA Medical Center 1982-85

(Chairman, 1982-84); 1987-1990

Research and Development Committee, Lexington VA Medical Center

1980-83, 1984-85 (Chairman, 1982-83)

Student Progress and Promotions Committee, University of Kentucky College of Medicine; 1984-85 (Faculty Council Liaison)

Faculty Council (elected), University of Kentucky College of Medicine; 1984-85

Geriatric Advisory Board, Lexington VA Medical Center; 1984-1990

Quality Assurance Committee, Department of Neurology, University of Kentucky 1985-1990 (Chairman, 1985-87)

Department of Neurology Review/Chairman Search Committee (Department Representative) 1985-87

11/29/2014

CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Steering Committee, Magnetic Resonance Imaging and Spectroscopy Center,
University of Kentucky, 1985-1987
Veterans Administration Dean's Committee, Lexington VA Medical Center; 1985-1987
University Hospital Clinical Board, University of Kentucky Medical Center; 1985-1987
Chiefs of Clinical Service Committee, Univ. of Kentucky College of Medicine; 1985-1987
Chairman's Council, University of Kentucky College of Medicine; 1985-1987
Quality Assurance Review Board, Lexington VA Medical Center, 1987-1988
Research Committee, University of Kentucky College of Medicine, 1988-1991
Research Budget Committee, Lexington VA Medical Center, 1988-1990
Faculty Council (elected), University of Kentucky College of Medicine, 1989-1991

University of Pittsburgh (1990-2008)

Alzheimer's Disease Research Center Internal Advisory Group
University of Pittsburgh Medical Center, 1990-present
Director, Behavioral Neurology/Neuropsychiatry of Aging Training Program
University of Pittsburgh, 1990-2008
Task Force on Geriatric Programs, University of Pittsburgh Medical Center, 1991-2008
Residency Selection Committee, Department of Psychiatry, WPIC, 1990-2000
Department of Neurology Chairman Search Committee, 1992-1993
Director, Division of Geriatrics & Neuropsychiatry, Department of Psychiatry, 1992-2001
Director, Geriatric Health Services, University of Pittsburgh Medical Center, 1992-2002
Executive Committee, Center for Neurosciences/University of Pittsburgh, 1992-2008
Academic Promotions Committee, Department of Psychiatry, 1993-2001
Adult Medical Directors Committee, Western Psychiatric Institute and Clinic, 1993-1999
WPIC Research Strategic Planning Committee, 1993-2008
Functional Imaging Research Program Scientific Advisory Committee, 1994-2001
Associate Scientist, Safar Center for Resuscitation Research, 1995-2008
Executive Committee, Western Psychiatric Institute and Clinic, 1997-2008
University Council on Aging, 2000-2008
Clinical Research Steering Committee, 2000-2008
University of Pittsburgh Physicians, Council of Clinical Chairs, 2000-2008
University of Pittsburgh Physicians, Board of Directors, 2000-2008
Executive Committee, UPMC Medical Staff, 2000-2008
Executive Board, Pittsburgh Development Center, 2001-2008
Chair, Department of Neurosurgery Search Committee, University of Pittsburgh, 2006-2007
Internal Advisory Board, University of Pittsburgh Sleep Medicine Institute, 2008

University of Virginia (2008-2013)

President's Cabinet
Medical Center Operating Board (MCOB) Member (ex officio as VP/Dean)
MCOB Quality Subcommittee Co-Chair
Physician in Chief, University of Virginia Health System
University Physician's Group (UPG) (Medical Faculty Practice Plan)
Board of Directors
Executive Committee
Finance Committee
Nominating Committee
Ivy Foundation Board of Directors
UVA Health Foundation Board of Directors
Culpeper Regional Hospital Board of Trustees
Health System Clinical Strategy Group Co-Chair
Strategic Planning Executive Committee

11/29/2014

CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Clinical Staff Executive Committee
 Medical Alumni Association Board of Directors
 Medical School Foundation Board of Trustees
 Virginia Urologic Foundation (VUF) Board of Directors
 Director, UVA Alzheimer's Disease Research Center

CLINICAL AND RESEARCH RELATED ACTIVITIESUniversity of Kentucky 1979-90:

Gordon Conference on Biology of Aging (Invited Participant), Ventura, California, 1982
 Board of Directors, Lexington Bluegrass Alzheimer's Disease and Related Disorders Association (ADRDA), 1984-1990 (Founding Member)
 Invited Examiner, Part II (oral examinations), American Board of Psychiatry and Neurology, 1981-present
 Medical Review Board, Division of Driver Licensing, Commonwealth of Kentucky, 1985-1990
 Professional Education Committee, Kentucky Organ Donors Association, 1987-1990
 Director, Memory Disorders Clinic, University of Kentucky Medical Center 1984-1990
 Co-Director, Alzheimer's Disease Research Center, University of Kentucky, 1985-1990
 Governor's Task Force on Alzheimer's Disease, State of Ohio (Vice Chair) 1986-1992

University of Pittsburgh 1990-2008

Co-Director, Alzheimer's Disease Research Center, 1990-1994
 Director, Memory Disorders Clinic, 1990-2008
 Invited Participant, FASEB Meeting on Neurobiology of Brain Injury Copper Mountain, CO, June 1992
 Chairman, Professional Advisory Board, Greater Pittsburgh Chapter Alzheimer's Association, 1992-present
 Member, External Advisory Committee, University of Rochester Alzheimer's Disease Center, 1993-1998
 Director, Alzheimer's Disease Research Center University of Pittsburgh, 1994-2008
 Chairman, External Advisory Committee, University of Indiana Alzheimer's Disease Center, 1995-present
 Chairman, External Advisory Committee, Emory University Alzheimer's Disease Center, 1995-2000
 Member, External Advisory Committee, Alzheimer's Disease Research Center, University of Alabama at Birmingham, 1999-2004
 Member, External Advisory Board, Alzheimer's Disease Research Center University of Texas Medical School-Dallas, 1991-1998
 Member, Executive Committee, National Alzheimer's Coordinating Center [elected], 1999-present
 Chairman, 2001-2003
 Member, County of Allegheny, Division of Forensic Neuropathology Advisory Board, 2002-present
 Director and Committee Organizer, Barcelona-Pittsburgh Conference "Dementia Today," 2000, 2002, 2004, 2006
 Member, Academic Advisory Board, Pfizer Biology Psychiatry Postdoctoral Fellowship Program, 1999-2004 (Chair, 2003-2004)
 Chairman, External Advisory Committee, University of California-Davis Alzheimer's Disease Center, 2005-present
 Chairman, External Advisory Committee, Harvard / Massachusetts General Hospital Alzheimer's Disease Center, 2006-2011
 Member, Board of Directors, American Society for Experimental NeuroTherapeutics, 2005-present
 Member, Alzheimer's Disease Cooperative Study Internal Ethics Committee, 2007-present
 Member, External Advisory Board, Hellman Center, University of California San Francisco, 2009-2011
 Member, External Advisory Board, Sanders-Brown Center on Aging, University of Kentucky, 2010-2011

INVITED LECTURES: 2005-present

American Medical Directors Association Annual Symposium. San Francisco, CA, March 2000.
 Medical College of Georgia, Dean's Symposium. Augusta, GA, March 2000.
 University of Arkansas, Dementia Center of Arkansas. Benton, AR, August 2000.
 Barcelona-Pittsburgh Dementia Today Conference. Barcelona, Spain, October 2000

11/29/2014

CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Mini-Medical School. Harrisburg, PA, January 2001.

American Society of Neuroradiology Symposium. Boston, MA, April 2001.

Northwestern University Medical School, Chicago, IL, April 2001.

Dean's Lecture Series, University of Kentucky College of Medicine, Lexington, KY, May 2001.

Eleventh Annual Matthew and Marcia Simons Lecturer, Boston, MA, November 2001.

George Randolph and Patricia Scott Lectureship on the Physiology of Aging, Rochester, MN, Nov. 2001.

Southern Clinical Neurological Society 29th Annual Meeting, Puerto Vallarta, Mexico, January, 2002.

American Association for Geriatric Psychiatry 15th Annual Meeting, Orlando, FL, February, 2002.

American Society of Neuroimaging 25th Annual Meeting, Tampa Bay, FL, March, 2002.

John A. Burns School of Medicine, University of Hawaii, Honolulu, HI, Kaiser Lecture, March, 2002.

American Society for Pharmacology and Experimental Therapeutics-Ray Fuller Symposium, New Orleans, LA, April, 2002.

7th Neurodegenerative Disorders: Common Molecular Mechanisms, Montego Bay, Jamaica, April, 2002.

Geriatric Medicine Grand Rounds, University of Rochester, Rochester, MN, September, 2002.

Barcelona-Pittsburgh Dementia Today Conference. Barcelona, Spain, October 2002.

2nd Conference of the Korean Dementia Society. Seoul, Korea, November, 2002.

Neurology Grand Rounds, University of Maryland. Baltimore, MD, February, 2003.

American Society for Experimental NeuroTherapeutics 5th Annual Meeting. Washington, DC, March, 2003.

Parkinson Study Group 16th Annual Meeting, Key Biscayne, FL, May, 2003.

43rd Annual NCDEU Meeting, Boca Raton, FL, May, 2003.

11th Annual International Psychogeriatric Association Meeting, Chicago, IL, August, 2003.

2nd Annual Dementia Congress, Washington, DC, September, 2003.

3rd Annual International College of Geriatric Psychoneuropharmacology, San Juan, Puerto Rico, December, 2003.

Update on Early Treatment and Diagnosis of Alzheimer's Disease, Pittsburgh, PA, March, 2004.

6th Annual Meeting of the American Society for Experimental NeuroTherapeutics, Bethesda, MD, March, 2004.

8th International Montreal/Springfield Symposium on Advances in Alzheimer Therapy, Montreal, Canada, April, 2004.

American Society for Pharmacology and Experimental Therapeutics, Washington, DC, April, 2004.

1st Esteve International Symposium on Alzheimer's Disease, Barcelona, Spain, May, 2004.

International Symposium on Neurological Disorders, Shanghai, China, August, 2004.

Institute of Medicine 2004 Annual Meeting, Washington, DC, October, 2004.

Barcelona-Pittsburgh Conference, Dementia Today, Barcelona, Spain, October, 2004.

Northwestern Drug Discovery Program Keynote Lecture, Chicago, IL, November, 2004.

Macy Conference, The Convergence of Neuroscience, Behavioral Science, Neurology and Psychiatry, Scottsdale, AZ, January, 2005.

7th Annual Meeting of the American Society for Experimental NeuroTherapeutics, Washington, DC, March, 2005.

Annual Mild Cognitive Impairment Symposium, Miami Beach, FL, March, 2005.

University of Michigan Grand Rounds, Ann Arbor, MI, April, 2005.

University of Arkansas for Medical Sciences Conference on Complementary and Alternative Therapies, Little Rock, AR, April, 2005.

Neurology Grand Rounds, Robert Wood Johnson Medical School, New Brunswick, NJ, May, 2005.

Smithsonian Mini-Med School: Aging Under the Microscope, Washington, DC, May, 2005.

Society of Biological Psychiatry Annual Meeting, Atlanta, GA, May, 2005.

International Conference on Prevention of Dementia, Washington, DC, June, 2005.

21st International Conference of Alzheimer's Disease International, Istanbul, Turkey, September 2005.

10th Annual Graylyn Conference on Women's Cognitive Health: Fostering a Dialogue that Leads to Cutting Edge Translational Research, Winston-Salem, NC, October, 2005.

CNS Disease Congress: Novel Advances in Discovery, Therapeutics & Clinical Trials, Boston, MA, March, 2006.

Contemporary Clinical Medicine: Great Teacher's Lecture, National Institute of Health Clinical Center Grant Rounds, Bethesda, MD, April, 2006.

9th International Geneva/Springfield Symposium on Advances in Alzheimer Therapy, Geneva, Switzerland, April, 2006.

11/29/2014

CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Southern Illinois Center for Alzheimer Disease and Related Disorders, Visiting Professorship, Springfield, IL, April, 2006.

8th Annual Future Leaders in Psychiatry Meeting, Miami Beach, FL, May, 2006.

Massachusetts General Hospital Grand Rounds, Boston, MA, June, 2006.

10th International Conference on Alzheimer's Disease and Related Disorders, Madrid, Spain, July, 2006.

Barcelona-Pittsburgh Conference, Dementia Today, Barcelona, Spain, October, 2006.

5th Annual Dementia Congress, Washington, DC, November, 2006.

Merck Research Laboratories Guest Lecturer, West Point, PA, November, 2006.

The Southern Clinical Neurological Society, Aruba, Dutch Caribbean, January, 2007.

American Association for Geriatric Psychiatry, New Orleans, LA, March, 2007.

University of Cincinnati Grand Rounds, March, 2007.

Albert Einstein Grand Rounds, New York, NY, May, 2007.

International Conference on Prevention of Dementia, Washington, DC, June, 2007.

Ohio State Lecture, Columbus, OH, June, 2007.

Erice International Seminars on Planetary Emergencies, Sicily, Italy, August, 2007.

University of Florida, Department of Psychiatry Grand Rounds, September, 2007.

University of Alabama Birmingham, Lindy E. Harrell Lecture in Alzheimer's Disease, September, 2007.

University of North Texas Health Sciences Center at Fort Worth Distinguished Speaker Series, October, 2007.

Korean Neurologic Association, Seoul, Korea, October, 2007.

Neurology Grand Rounds, Penn State Milton S. Hershey Medical Center, Hershey, PA, November, 2007.

Grand Rounds, Mount Sinai Hospital, Department of Neurology, New York, NY, November, 2007.

Brain and Behavior: Advances in Neuroimaging, 12th Robert G. Heath, MD Lecture, Tulane University School of Medicine, New Orleans, LA, December, 2007.

10th Annual Meeting of the American Society for Experimental NeuroTherapeutics, Inc., Arlington, VA, March, 2008.

VI Barcelona Pittsburgh Conference, Barcelona, Spain, May, 2008.

Cleveland Clinic Visiting Professor, Cleveland, OH, October 12-13, 2008.

National Institute of Neurological Disorders and Stroke, Dementia of Alzheimer's Disease and Epilepsy, Rockville, MD, October 15-17, 2008.

University of California, Irvine Institute for Brain Aging and Dementia, Irvine, CA, October 23-24, 2008.

Johns-Wooten Symposium, Charlottesville, VA, "Treatment of Alzheimer's Disease" Address - Wooten Neurological Symposium, November 8, 2008.

University of Michigan, MADRC Community Appreciation Conference, Ann Arbor, MI, November 13-14, 2008.

Alzheimer's Association, New Directions in Dementia, Rancho Mirage, CA, November 20-22, 2008.

Johns-Wooten Symposium, Charlottesville, VA "Treatment of Alzheimer's Disease" Address - Wooten Neurological Symposium, November 8, 2008.

Los Angeles Alzheimer's Association/UCLA ADRC "Update on Alzheimer's Disease," Palm Springs, CA, November 21, 2008.

The Role of Neuroimaging in Clinical Trials and Drug Discovery, ASENT Annual Meeting, Washington, DC, March 7, 2009.

Meeting Chair, Prevalence & Trends of AD & Other Age-Related Cognitive Impairment in US, NIA Meeting, Washington, DC, March 20, 2009.

The Ginkgo Evaluation of Memory (GEM) Study Miami MCI Annual Meeting, Miami Beach, FL, March 28, 2009.

"What's on Your T-shirt? Empowering Individual and Team Success in Clinical and Translational Research," Association for Clinical Research Training and the CTSA Education Consortium, Washington, DC, [Keynote speaker] April 14, 2009.

"Frontiers in Medicine: Interventions for Alzheimer's Disease," Grand Rounds, Texas A&M University School of Medicine, College Station, TX, April 23, 2009.

"Neurochemistry and Neuropathology of MCI," in AAN Course: MCI: Implications for Clinicians, Seattle, WA, April 27, 2009.

"Biomarkers of Alzheimer's Disease," UCSF/Northern California Alzheimer's Association, San Francisco, CA, June 3, 2009.

"Advances in Imaging and Improvements to Treatment Outcomes," University of Virginia/Alzheimer's Association Annual Education Meeting, Charlottesville, VA, June 20, 2009.

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

- "What Does the Brain Have to Do with Behavior? A Personal Journey," Summer Medical and Dental Education Program, University of Virginia School of Medicine, Charlottesville, VA, July 7, 2009.
- "Biomarkers and Lab Correlates," NINDS Clinical Trials Methods Course, Vail, CO, August 17, 2009
- "Frontiers in Alzheimer's Disease Clinical Trials" NINDS Clinical Trials Methods Course, Vail, CO, August 17, 2009.
- "Can Dementia be Prevented?" International Psychogeriatrics Association (IPA), Montreal, Canada, September 2, 2009.
- "Debate: New Research Criteria for Dementia Should Be Adopted," Canadian Conference on Dementia, Toronto, Canada, October 2, 2009.
- "Amyloid Imaging with Positron Emission Tomography," Canadian Conference on Dementia, Toronto, Canada, October 2, 2009.
- "The GEM Study: Lessons Learned" Alzheimer's Association Research Roundtable, Washington, DC, October 19, 2010
- Miami Early Dementia Conference, Miami, FL, March 12, 2010.
- "Alzheimer's Disease: Progress, Translational Research, and the Future." Mayo Clinic Neurology Grand Rounds, Rochester, MN, March 19, 2010.
- "Current and Future Strategies in Alzheimer's Disease," Florida Hospital Distinguished Lectureship, Orlando, FL, April 21, 2010.
- "Twenty Years of Alzheimer's Research: Past, Present & Future" Alzheimer's Association, Denver, CO, May 3, 2010
- "The Role of Amyloid and Tau Protein in AD." 7th Barcelona/Pittsburgh Biennial Conference – Dementia Today, May 12-14, 2010.
- "Extending the Meaning of Alzheimer's Disease: New Diagnostic Criteria, New Biomarkers, New Understanding," University of California San Francisco, August 25, 2010.
- "Successful Leadership," NINDS/ANA Career Development, San Francisco, CA, September 11, 2010.
- "Translational Research Advances in Alzheimer's Disease" Neuroscience Seminar, University of "Louisville Seminar Series, September 22, 2010.
- "Progress in Alzheimer's Disease: New diagnostic criteria, new biomarkers, new challenges" Grand Rounds, Department of Psychiatry, Dartmouth School of Medicine, Lebanon, New Hampshire, Sept. 27, 2010.
- "Alzheimer's Disease 2010: What Have We Learned? Where Are We Going?" Central and Western Virginia Alzheimer's Association, Roanoke, VA, November 4, 2010.
- "Progress in Alzheimer's Disease: New Diagnostic Criteria, New Biomarkers, New Challenges" Robert G. Heath Invited Lecture, Tulane University School of Medicine, New Orleans, LA, December 3, 2010.
- "Ethics in Alzheimer's Disease: New diagnostic criteria, new biomarkers, new challenges". National Press Foundation, Washington, DC December 7, 2010.
- "Long Term Consequences of Traumatic Brain Injury." Grand Rounds, Fort Detrick Army Garrison, Frederick, MD, January 20, 2011.
- "Alzheimer's Disease: From Bench to Bedside and Hopes from Translational Discoveries." University of South Florida, Grozmar Family Lecture, Tampa, FL, March 25, 2011.
- "Neuroimaging in Alzheimer's Disease: From 'Rule Outs' to Preclinical Diagnosis. Virginia Neurological Society, February 2, 2013.
- "Technological Advances and Progress in Dementia Research." Fritz Dreifuss Memorial Lecture, Virginia Neurological Society, February 2, 2013.
- Commencement Address, University of Florida College of Medicine, Gainesville, FL May 12, 2013
- "Alzheimer's Disease: the State of the State" Alzheimer's Disease International Conference. Boston, MA, July 13, 2013
- "Amyloid Imaging in Clinical Practice" (Opening Plenary Lecture) Alzheimer's Disease International Conference., Boston, MA, July 14, 2013
- "The Ginkgo Evaluation of Memory Study: A Model for AD Prevention Trials." University of Minnesota and Minneapolis VA Medical Center September 23, 2013
- "Alzheimer's Disease: Past, Present and Future" Vanderbilt University Department of Neurology Grand Rounds, September 26, 2013
- "Alzheimer's Disease: A Geriatrics Perspective" Meharry School of Medicine Meharry Consortium Geriatric Education Center Geriatric Update, September 27, 2013
- "The History and Future of Alzheimer's Disease." Alzheimer's Association, Nashville, TN, September 27, 2013

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- "Early and preclinical diagnosis of Alzheimer's Disease: Practical and Biomarker Considerations." American Neurological Association New Orleans, LA, October 16, 2013
- "Summary of 2013 Botanical Research Expert Panel Discussion." Meeting of the NIH Botanical Research Centers Directors, Baton Rouge, LA, November 5, 2013
- "APOE Genotype and Sports Concussion: Research and Application." Safe Kids Foundation, Washington, DC, November 25 2013
- "Current and Future Therapies in Alzheimer's Disease." Alzheimer's Disease International Second Annual Arab-North Africa Meeting. Dubai, United Arab Emirates (UAE), (invited) December 8, 2013
- "Alzheimer's Disease." Neuroscience Caucus, United States Congress, Washington, DC, February 26, 2014
- "The Brain Fights Back: Neuroplasticity in Health and Disease." Dr. William G. Luttge Lectureship in Neuroscience. Sponsored by the McKnight Brain Research Foundation. University of Florida College of Medicine, March 10, 2014
- "Alzheimer's Disease: Translational Research and Patient Centered Care." Department of Psychiatry and Behavioral Sciences, Division of Geriatric Psychiatry and Neuropsychiatry, The Johns Hopkins School of Medicine, March 17, 2014
- "Translational Alzheimer's Disease: from the Bench to Public Health Policy." Center for Neurodegenerative Disease Research, University of Pennsylvania Perelman School of Medicine, March 27, 2014
- "Translational Alzheimer's Disease: from the Bench to Public Health Policy." UC-Irvine Center for the Neurobiology of Learning and Memory (UC-MIND). University of California- Irvine, April 10, 2014
- "Current and Future Treatments of Alzheimer's Disease." 29th Meeting of Alzheimer's Disease International, San Juan, PR May 2, 2014.
- "Dietary Supplements and Caffeine in Prevention of Dementia." Institute of Medicine Workshop, Irvine, CA, June 9, 2014.
- "Sequelae of Traumatic Brain Injury: Searching for Mechanisms and a Denominator." Annual Meeting of the National NeuroTrauma Society (invited plenary); San Francisco, CA, June 30, 2014.

TEACHING EXPERIENCE AND RESPONSIBILITIES

University of Kentucky

Medical School

- Lecturer, ANA 516 (Neuroanatomy, 1st year) [Cortical anatomy, connectivity]
- Lecturer, NEU 821 (Clinical Neurosciences, 2nd year) [Behavioral Neurology, Memory & Dementia, Cortical Function, Headache]
- NEU 835, 3rd year clerkship for medical students

Graduate School

- NEU 851, Research Elective in Neurology (Course Director)
- CON 845, 4th year Neurology elective for medical students
- CON 818, 1st year medical students (Clinical-Anatomic Correlation)
- Masters and Doctoral Committees, Departments of Anatomy and Psychology
- Lecturer, PGY 630 (Biology of Aging)
- Lecturer, NEU 605 (Graduate Studies in Neuroscience)

Neurology Residency Program

- Residency Program Director, June 1985-April 1987
- Consultation & ward attending (adult and pediatric neurology) rotations, 1979 - 1990
- Special consultations: Disorders of higher cortical function, 1979 - 1990

University of Pittsburgh

Medical School

- Lecturer, Introduction to Medicine (Dementia and Behavioral Disorders)
- Lecturer, Small Group Leader, Problem based Learning Group Leader, Integrated Neuroscience Course

Graduate School

- Doctoral Students, Department of Neurobiology
- Peter Miller, M.D., Ph.D. (Ph.D. received 1993)

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Kevin Taffe 1995-1999 (M.D.-Ph.D. Program)
 Mark O'Malley 1996-1999
 Barbara Isanski 2005-2008
 Postdoctoral Fellows: Scot D. Styren, Ph.D.(1994-1997)
 James Goss, Ph.D. (1993-1996)
 John Ciallella, Ph.D. (1997-2000)
 Eric Abrahamson, Ph.D. (2001-present)
 Clinical Postdoctoral Fellows: David Martin, M.D. (1990-1991)
 Mahmood Usman, M.D. (1991-1992)
 Karyn Catt, M.D. (1996-1998)

Dissertation Committees:

1998-2000	Faridis Serrano	Department of Neuroscience
1998-2000	Xiao Yan Wong	Department of Human Genetics, Graduate School of Public Health
1998-2000	Peijun Chen, M.D., MPH	Department of Epidemiology, Graduate School of Public Health
1999-2001	Shannon Lindsay	Department of Human Genetics, Graduate School of Public Health
1999-2002	Erin Luedeking	Department of Human Genetics, Graduate School of Public Health
2000-2003	Purnima Desai	Department of Human Genetics, Graduate School of Public Health
2007-2008	Jessica Figgins	Department of Human Genetics Graduate School of Public Health

NIH K-Award Mentor or Co-MentorCurrently

1999-2003	Carolyn Meltzer, MD, PhD	Professor and Chair Department of Radiology, Emory University School of Medicine
2002-2005	James Gebel, MD	Associate Professor and Chief, Stroke Institute, University of Louisville School of Medicine
2006-2008	Wes Farris, MD	Assistant Professor of Neurology, University of Pittsburgh
2006-2008	David Wolk, MD	Assistant Professor of Neurology, University of Pennsylvania

Lecturer, Biological Bases of Neuropsychiatry, 1993, 1994, 1995, 1996, 1997, 1999, 2000, 2002, 2004,
 2006, 2008
 Cellular and Molecular Bases of Neuroscience: Molecular and Neuropathologic
 Mechanisms in Alzheimer's Disease (1998)

Neurology Residency Program

Special consultations: Disorders of higher cortical function & neuropsychiatry, 1990-2008
 Resident's Conferences: Limbic system, Mental Status Exam, Dementia, Aphasia

Psychiatry Residency Program

Geriatric Psychiatry Inpatient Unit, Attending Consultant

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Seminars and Case Presentations in behavioral neurology and neuropsychiatry

University of Virginia

Lecturer, Department of Biology, Biology 4040 - Laboratory in Cell Biology, Spring 2010, 2011, 2012

Seminars and Case Presentations in behavioral neurology and neuropsychiatry

Alzheimer's Disease lecture, First Year Medical Students, 2010

Grand Rounds: Neurology, Family Medicine, Internal Medicine, Biomedical Engineering, 2010, 2011, 2012

CURRENT AND IMMEDIATE PAST RESEARCH FUNDING (annual direct costs)

* = Research continuing at the University of Virginia

	<u>Years</u>	<u>Annual Direct Costs</u>
*NIA AG05133		
Alzheimer Disease Research Center (O. Lopez, PI)	4/1/10-3/31/15	\$ 19,200
UVA Satellite Clinic (Leader)		
*NIH AG025204 (W. Klunk, PI)		
<i>In Vivo</i> PIB PET Amyloid Imaging: Normals,	5/1/10-4/30/15	
MCI & Dementia		
Project #4: Modulators of Cognitive Transition		\$ 9,511
From Normal to MCI (Co-Investigator)		
Project #5: Modulators of Cognitive Transition		\$ 5,156
From MCI to AD (Co-Investigator)		
Project #6: Quantitative Neuropathological Correlates of		\$ 9,511
<i>In Vivo</i> PiB Retention (Co-Investigator)		

Principal Investigator

*NIA AG05133		
Alzheimer Disease Research Center	5/1/75-8/31/08	\$ 1,443,367
[Administrative Core Director, Clinical Core Director]		
ADRC—Imaging Core Supplement	5/1/05-8/31/08	\$ 100,000
ADRC—Data Management Supplement	5/1/05-8/31/08	\$ 100,000
*NCCAM/NIA AT00162		
Ginkgo Biloba Prevention Trial in Older Individuals	9/30/99-7/31/10	\$ 3,612,900
*NIH AG025204		
<i>In Vivo</i> PIB PET Amyloid Imaging: Normals,	5/15/05-8/31/08	\$ 731,123
MCI & Dementia		
SAP 4100027294 (Commonwealth of Pennsylvania Grant)		
Detection, Diagnosis and Intervention in Dementia	6/1/05-8/31/08	\$ 1,060,512

Project Principal Investigator

*NIA AG14449 (E. Mufson, PI; ST DeKosky, Project Leader)		
Neurobiology of Mild Cognitive Impairment in the Elderly	4/1/07-3/31/12	\$ 303,366
Project: NIH Synaptic, cholinergic and amyloid		
alterations in mild cognitive impairment (Pitt DC's)		
*NINDS NS30318 (E. Dixon, PI)		
Brain Trauma Research Center	5/11/00-6/30/11	\$ 102,152
Project: Traumatic Brain Injury, Amyloid Metabolism		
and Statin Therapy		
*NIH AG025204 (W. Klunk, PI)		
<i>In Vivo</i> PIB PET Amyloid Imaging: Normals,	9/1/08-4/30/10	\$ 731,123
MCI & Dementia		

Co-Investigator

*NIH AG023651

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

Mild Cognitive Impairment: A Prospective Community Study
(M. Ganguli, PI)

9/1/05-8/31/10

\$ 29,166

Prior Research Funding (University of Pittsburgh and University of Kentucky): Available upon request.

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.PUBLICATIONS

- DeKosky, S.T., Heilman, K.M., Bowers, D. and Valenstein, E.: Recognition and discrimination of emotional faces and pictures. *Brain and Language* 9:206-214, 1980.
- DeKosky, S.T., and Bass, N.H.: Effects of aging and senile dementia on the microchemical pathology of human cerebral cortex. In Amaducci, L., Davison, A.N. and Antuono, P. (eds.) *Aging of the Brain and Dementia* (Aging, Vol. 13). New York, Raven Press, 1980, 33-37.
- DeKosky, S.T., and Bass, N.H.: Aging, senile dementia, and the intralaminar microchemistry of cerebral cortex. *Neurology* 32:1227-1233, 1982.
- DeKosky, S.T., Nonneman, A.J., and Scheff, S.W.: Morphologic and behavioral effects of perinatal glucocorticoid administration. *Physiology and Behavior* 29:895-900, 1982.
- Scheff, S.W., and DeKosky, S.T.: Steroid suppression of axon sprouting in the hippocampal dentate gyrus of the adult rat: Dose-response relationship. *Experimental Neurology* 82:183-191, 1983.
- DeKosky, S.T., Scheff, S.W., and Cotman, C.W.: Elevated corticosterone levels: A possible cause of reduced axon sprouting in aged animals. *Neuroendocrinology*, 38:33-38, 1984.
- DeKosky, S.T., and Bass, N.H.: Biochemistry of senile dementia. In Lajtha, A. (ed.) *Handbook of Neurochemistry*, 2nd Edition. New York:Plenum Press, 1985, 617-650.
- Scheff, S.W., Anderson, K.J., and DeKosky, S.T.: Strain comparison of synaptic density in hippocampal CA1 of aged rats. *Neurobiology of Aging*, 6:29-34, 1985.
- DeKosky, S.T., Scheff, S.W., and Markesbery, W.R.: Laminar organization of cholinergic circuits in human frontal cortex in Alzheimer's Disease and aging. *Neurology*, 35:1425-1431, 1985.
- DeKosky, S.T., Scheff, S.W., Hackney, C.G., and Bass, N.H. Strain differences and laminar localization of structural neurochemical changes in aging rat. *Neurobiology of Aging*, 6:277-286, 1985.
- Vicedomini, J.P., Nonneman, A.J., DeKosky, S.T., and Scheff, S.W. Perinatal glucocorticoids alter dentate gyrus electrophysiology. *Brain Research Bulletin*, 15:111-116, 1985.
- Vicedomini, J.P., Nonneman, A.J., DeKosky, S.T., and Scheff, S.W. Perinatal glucocorticoids disrupt learning: A sexually dimorphic response. *Physiology and Behavior*, 36:145-149, 1986.
- Slevin, J.T., and DeKosky, S.T.: Stability of sialogangliosides in kindled hippocampus. *Experimental Neurology*, 91:208-211, 1986.
- Anderson, K.J., Scheff, S. W., and DeKosky, S.T. Reactive synaptogenesis in hippocampal area CA1 of aged and young adult rats. *J. Comparative Neurology*, 252:374-384, 1986.
- Morse, J., Scheff, S.W., and DeKosky, S.T. Gonadal steroids influence axon sprouting in the hippocampal dentate gyrus: A sexually dimorphic response. *Experimental Neurology*, 94:649-658, 1986.
- Slevin, J.T., Sparks, D.L., Dempsey, R.J., Davis, D.G., Hunsaker, J.C., and DeKosky, S.T. Altered striatal dopaminergic metabolism 36 hours after unilateral trauma to the human mesencephalon. *Neurology*, 37:322-325, 1987.

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

- Shih, W.J., Markesbery, W.R., Clark, D.B., Goldstein, S., Domstad, P. Coupal, J.J., Kung, H. DeKosky, S.T. and DeLand, F. I-123 HIPDM brain imaging findings in sub-acute spongiform encephalopathy (Creutzfeld-Jakob disease). *J. Nuclear Medicine* 28:1484-1487, 1987.
- Scheff, S.W., Morse, J.K., and DeKosky, S.T. Hydrocortisone differentially alters lesion-induced axon sprouting in male and female rats. *Experimental Neurology* 100:237-241, 1988.
- Scheff, S.W., Morse, J.K., and DeKosky, S.T. Neurotrophic effects of steroids on lesion-induced growth in the hippocampus. I. The asteroïdal condition. *Brain Research* 457:246-250, 1988.
- Sparks, D.L., DeKosky, S.T., and Markesbery, W.R. Alzheimer's Disease: Aminergic-cholinergic alterations in hypothalamus. *Archives of Neurology* 45:994-999, 1988.
- DeKosky, S.T., Scheff, S.W., and Hackney, C.G.: Acetylcholine synthesis in human CSF: Implications for study of central cholinergic metabolism. *Neurochemical Research* 14: 191-196, 1989.
- Harbaugh, R.E., Reeder, T.M., Senter, H.J., Knopman, D.S., Baskin, D.S., Pirozzolo, F., Chui, H.C., Shetter, A.G., Bakay, R.A., Leblanc, R., Watson, R.T., DeKosky, S.T., Read, S.L., Schmitt, F.A., and Johnston, J.T. Intracerebroventricular bethanechol chloride infusion in Alzheimer's disease: Results of a collaborative, double-blind study. *Journal of Neurosurgery* 71:481-486, 1989.
- Scheff, S.W., and DeKosky, S.T. Glucocorticoid suppression of lesion-induced synaptogenesis: Effect of temporal manipulation of steroid treatment. *Experimental Neurology* 105:260-264, 1989.
- Schmitt, F.A., Ranseen, J.D., and DeKosky, S.T.: Cognitive mental status examinations. *Clinics in Geriatric Medicine* 5:545-564, 1989.
- Scheff, S.W., DeKosky, S.T., and Price, D.A.: Quantitative assessment of cortical synaptic density in Alzheimer's Disease. *Neurobiology of Aging* 11:29-37, 1990.
- DeKosky, S.T., Shih, W-J., Schmitt, F.A., Coupal, J., and Kirkpatrick, C. Assessing utility of single photon emission computerized tomography (SPECT) scan in Alzheimer's disease: Correlation with cognitive severity. *Alzheimer's Disease and Related Disorders: An International Journal* 4:14-23, 1990.
- DeKosky, S.T. Biochemical and neuropathological aspects of Alzheimer's disease. *Current Opinion in Neurology and Neurosurgery* (A. Kertesz, Volume Editor) 3:84-89, 1990.
- DeKosky, S.T. and Scheff, S.W. Synapse loss in frontal cortex biopsies in Alzheimer's disease: Correlation with cognitive severity. *Annals of Neurology* 27:457-464, 1990.
- Shih, W-J, DeKosky, S.T., Coupal, J.J., Simmons, G., Pulmano, C., Kung, H.F., Ryo, U.Y., and Clark, D.B. I-123 Hydroxyiodobenzyl Propanediamine (HIPDM) cerebral blood flow imaging demonstrating transtentorial diaschisis. *Clinical Nuclear Medicine* 15:623-629, 1990.
- Scheff, S.W., Scott, S.A., and DeKosky, S.T. Quantitation of synaptic density in the septal nuclei of young and aged Fischer 344 rats. *Neurobiology of Aging* 12:3-12, 1991.
- DeKosky, S.T. Review of *Subcortical Dementia* (J. Cummings, Editor) *Journal of Neuropathology and Experimental Neurology* 50:184, 1991.
- Scott, S.A., DeKosky, S.T., and Scheff, S.W. Volumetric atrophy of the amygdala in Alzheimer's disease: Quantitative serial reconstruction. *Neurology* 41:351-356, 1991.
- Schmitt, F. A. Shih, W-J, and DeKosky, S. T. Neuropsychological correlates of single photon emission computed tomography [SPECT] in Alzheimer's disease. *Neuropsychology* 6:159-171, 1992.

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STEVEN T. De KOSKY, M.D.

- Sparks, D.L., Hunsaker, J.D., Slevin, J.T., DeKosky, S.T., Kryscio, R.J., Markesbery, W.R. Monoaminergic and cholinergic synaptic markers in the nucleus basalis of Meynert (nbM): Normal age related changes and the effect of heart disease and Alzheimer's disease. *Annals of Neurology*, 31:611-620, 1992.
- Scott, S.A., DeKosky, S.T., Sparks, D.L., Knox, C.A., and Scheff, S.W. Amygdala cell loss and atrophy in Alzheimer's disease. *Annals of Neurology* 32:555-563, 1992.
- DeKosky, S.T., Harbaugh, R.E., Schmitt, F.A., Bakay, R.A.E., Chui, H.C., Knopman, D.S., Reeder, T.M., Shetter, A.G., Senter, H.J., Markesbery, W.R., and the Intraventricular Bethanecol Study Group. Cortical biopsy in Alzheimer's disease: Diagnostic accuracy and neurochemical, neuropathological and cognitive correlations. *Annals of Neurology* 32:625-632, 1992.
- Morse, J.K., DeKosky, S.T., and Scheff, S.W. Neurotrophic effects of steroids on lesion-induced growth in the hippocampus. II. Hormone replacement. *Experimental Neurology* 118:47-52, 1992.
- Miller, P.D., Chung, W-W., Lagenaur, C.F., and DeKosky, S.T. Regional distribution of neural cell adhesion molecule (N-CAM) and L1 in human and rodent hippocampus. *Journal of Comparative Neurology* 327:341-349, 1993.
- Palmer, A.M. and DeKosky, S.T.: Monoamine neurons in aging and Alzheimer's disease. *Journal of Neural Transmission* 91:135-159, 1993.
- Styren, S.D., DeKosky, S.T., Rogers, J., and Mufson, E.J. Epidermal growth factor receptor expression in demented elderly: Localization to vascular endothelial cells of brain, pituitary, and skin. *Brain Research* 615:181-190, 1993.
- Rosen, J., Colantonio, A., Becker, J.T., Lopez, O.L., DeKosky, S.T., and Moss, H.B. Effects of a history of heavy alcohol consumption on Alzheimer's disease. *British Journal of Psychiatry* 163:358-363, 1993.
- Palmer, A.M., Marion, D.W., Botscheller, M.L., Swedlow, P.E., Styren, S.D., and DeKosky, S.T. Traumatic brain injury-induced excitotoxicity assessed in a controlled cortical impact model. *Journal of Neurochemistry* 61:2015-2024, 1993.
- Lopez, O.L., Becker, J.T., and DeKosky, S.T.: Dementia accompanying motor neuron disease. *Dementia* 5:42-47, 1994.
- Miller, P.D., Styren, S.D., Lagenaur, C.F., and DeKosky, S.T.: Embryonic neural cell adhesion molecule (N-CAM) is elevated in the denervated rat dentate gyrus. *Journal of Neuroscience* 14:4217-4225, 1994.
- Lopez, O.L., Becker, J.T., Somsak, D., Dew, M.A., and DeKosky, S.T. Awareness of cognitive deficits and anosognosia in probable Alzheimer's disease. *European Neurology* 34:277-282, 1994.
- Styren, S.D., Lagenaur, C.F., Miller, P.D., and DeKosky, S.T. Rapid expression and transport of embryonic N-CAM in dentate gyrus following entorhinal cortex lesion: Ultrastructural analysis. *Journal of Comparative Neurology* 349:486-492, 1994.
- Chandra, V., Ganguli, M., Ratcliff, G., Pandav, R., Sharma, S., Gilby, J., Belle, S., Ryan, C., Baker, C., Seaberg, E., DeKosky, S., and Nath, L. Studies of the epidemiology of dementia: Comparisons between developed and developing countries. *Aging/Clinical and Experimental Research* 6:307-321, 1994.
- Palmer, A.M., Marion, D.W., Botscheller, M.L., Bowen, D.M., and DeKosky, S.T. Increased transmitter amino acid concentration in human ventricular CSF after brain trauma. *NeuroReports* 6:153-156, 1994.
- Becker, J.T., Mintun, M.A., Diehl, D.J., Dobkin, J., Martidis, A., Madoff, D.C., and DeKosky, S.T. Functional neuroanatomy of verbal free recall: A replication study. *Human Brain Mapping* 1:284-292, 1994.

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CURRICULUM VITAE
STEVEN T. De KOSKY, M.D.

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ABSTRACTS AND PRESENTATIONS

Available upon request